

POLAND 14 JULY 54  
INSTITUTE OF HEATING TECHNOLOGY IN  
LODZ

(INFO 1950-1953)

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## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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COUNTRY

Poland

REPORT

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Institute of Heating Technology  
in Lodz

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report on the Institute of Heating Technology in Lodz

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[redacted]  
1. The Institute of Heating Technics (Instytut Techniki Ciepłej)  
is located on ul. Zwirki # 11 in LODZ [Litmannstadt] July 1954  
[redacted]

2. Subject institute is primarily used for research work.

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New technical inventions, like turnbines, jet engines and compressors,  
are tested here. In September 1953 models of ship engine parts, the  
so-called "lopatki turbinowe" (blades), which are produced according

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[redacted]  
to the "Metoda Topionego Wosku" (method called "melted wax"),  
were ordered from subject institute by the mechanical plant  
"Zamech" at ELBLAG. This production method is known under the  
name "Prof. TSCHANPIEL Method" in the DDR. [redacted]

[redacted] It is said that  
this production method reduces the production costs of "łopatk  
turbnowe" (blades) considerably.

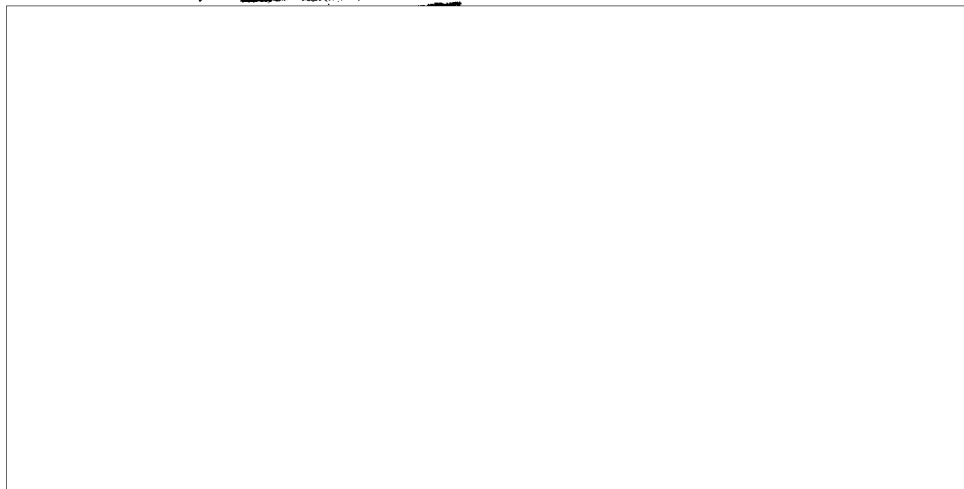
4. Subject institute also developed a new production  
method for blades made of porcelain for gas turbines.

5. Subject institute has a special laboratory and workshop  
on ul. Kopcińskiego (former ul. Zagajnikowa) near ul. Nawrot in  
ŁÓDŹ.

6. Following the names and descriptions of the executive  
personnel of subject institute:

a) Dr. SZAUBWINSKI, fnu, chief director

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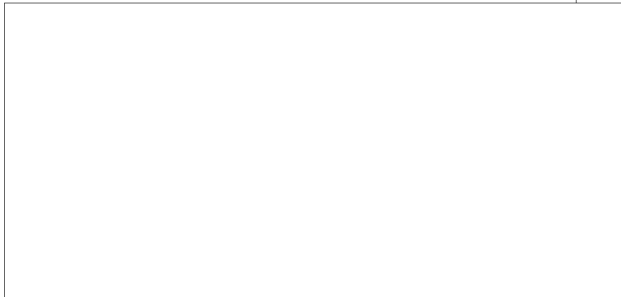


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b) Dr. KUCZEWSKI, fnu, 1st assistant



c) Dr. GUNDLACH, fnu, 2nd assistant